



Cell Travel Poster



The cell project is due on this date: _____

Objective:

In order to understand how the parts of the cell work together, you are going to complete a cell travel poster. The project is to be completed as a group and will be graded based on group and individual contributions. The purpose of this project is to compare a prokaryotic or eukaryotic cell to a destination by creating and presenting a travel poster. Travel posters are designed to entice tourists to come and visit their location – so your group will need to make the poster aesthetically pleasing and informative.

General Layout:

- Include a comparison of ten organelles of your cell to attractions that would be available at your destination. We have already used some analogies in class that should make this easier for you (for example: Golgi is like FedEx).
- Include a map of the layout of your destination on the travel poster
- Include pictures
- Present your project to the class

Guidelines:

Your project will consist of two parts:

1. The travel poster

- a. All posters must be on the paper provided.
- b. Include the name of the destination and the type of cell chosen (plant, animal or bacteria).
- c. There must be a minimum of 3 pictures – one being a map of the layout of your destination. If the map cannot be drawn to scale to show the organelles (attractions), a key must be provided. The other two pictures can be of your choice. Pictures can either be hand drawn or from the internet (but must be cited). **All pictures taken from the internet with no reference will receive an immediate zero.**
- d. The poster should be of display quality – this means easy to read and understand.

2. The oral presentation-

- a. Your presentation needs to be a minimum of 3 minutes.
- b. All members of the group must do something during the presentation and your poster or note cards may be used to prompt you during the presentation.
- c. Explain to your audience:
 - Why is your destination better than a prokaryotic cell or a different eukaryotic cell?
 - How the function of each of your organelles compares to the attraction you chose.
 - How your cell is the best destination for them to visit.
- b. Be creative and interesting with your presentation. You may sing, dance, act out a skit, etc.
- d. After all groups have presented, each class will vote on the cell destination they would most like to visit and the winning group will receive extra credit points.

While working on this project your group will receive daily assessments that will count as individual grades. **The entire project counts as a TEST grade.** Be mindful of the checklists given to you by your teacher to stay on task.

Name: _____

Group Members: _____

Cell Project Rubric

<u>Components</u>	<u>Description</u>	<u>Points Available</u>	<u>Student Self-Check</u>	<u>Points Received</u>
1. Group Participation	<ul style="list-style-type: none"> - Completion of Day 1 Assessment (10 pts) - On task (10 pts) - Presentation Worksheet (5 pts) 	25		
2. Travel Poster		50	****	****
a. Poster	<ul style="list-style-type: none"> - Project is in the form of a poster on the correct size paper. - Name of destination is written on poster. (5 pts) - Type of cell chosen is either drawn or easy to interpret from graphics. (5 pts) 	10		
b. Pictures	<ul style="list-style-type: none"> - Map, which contains all 10 organelles (15 pts) - 2 additional pictures (If from internet all references cited) (10 pts) - Has a key/legend to attractions (5 pts) 	30		
c. Professionalism	<ul style="list-style-type: none"> - Colorful, neat and attractive (frig worthy) 	10		
3. Oral Presentation		25	****	****
a. Content	<ul style="list-style-type: none"> - Discusses the nature of the destination and the cell chosen. - Compares each organelle to their attraction and explains their function. - Explains why their location is better than another prokaryotic or eukaryotic destination. - Well spoken and convincing 	20		
b. Time	<ul style="list-style-type: none"> - Met the 3 minute time requirement 	5		
Extra Credit	<ul style="list-style-type: none"> - Received the most votes from the class 	+10	****	
Total Points		100		

Total Points Available:

/ 100

Cell Project- Day One Assessment

Name: _____

Group: _____

Answer the following questions about your cell to help you get started.

1. Is your cell a prokaryote or eukaryote? (Circle choice)
2. Is your cell a bacterial, plant, or animal cell? (Circle choice)
3. Would your cell have cell wall, cell membrane or both? _____
4. Can your cell move? _____ if yes, how does it move? _____

5. Where is the genetic code (DNA) in your cell? _____
6. What shape is your cell? _____
7. What special organelles does your cell have that other prokaryotic or eukaryotic cells might not have? _____

8. List any additional information you know about your cell here that may assist you in writing your paper: _____

9. Destination Chosen: _____

Compare 10 different organelles of your cell to attractions/ things at your destination. Your group must have your teacher's approval on your project idea before you are allowed to start.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Teacher's Approval _____

Rough Draft of Poster- Draw the rough draft of your poster here. Once you have shown the teacher, you can get poster paper to begin your final draft for the class.